*Evaluation of Plan 2010-2013*

**TFA 1 Student Learning**

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| **Action Plan** | **Result** | **Status** |
| Curriculum project teams will embed learning activities that incorporate technology skills that are aligned with adopted standards. | To date 7th Challenge Comm Arts has been revised | On-going as curriculum is developed.  2012-2013 – FHU will embed technology with project based and online learning (blended) |
| Provide teachers an opportunity to submit technology based learning activities that could be integrated into the curriculum. | As part of the year 1 curriculum review teachers will be surveyed for tech activities. Content leaders will review and post, communicate to teachers. | Spring/Summer 2011 |
| Student performance on assessment items that were instructed by using technology related activities can be analyzed by teams of teachers. | Ask gina/andrea for teachers using tech, pull map, t3, math quarterly, MM |  |
| Stipend T3 (instructional technology program) graduates to review curriculum to include technology. | Surveyed T3 graduates with 12 responding for participation | At this time the content leaders and curriculum writers feel the T3 support is not needed |
| Identify where these GLEs can be implemented into curricula in grades K-12 and decide if there are other skills (such as social networking) not listed in the GLEs that need to be added. | Met with Content leaders and shared GLE’s. | In progress  Next steps? |
| Develop a K-12 scope and sequence for the teaching and learning of technology skills that can be integrated into curriculum and aligned with adopted standards. | Adopt standards  Assemble a group to define by grade level student specific skills | Defined for 6-8 for 2012-2013 |
| Explore possible ways to integrate technology into MS academic program. | Hollenbeck MS will pilot EBD and MS explo at some buildings will have a technology spoke. | 2012-2013 all MS will have Tech Literacy spoke for 6-8 |
| Develop and implement an on-line internet safety curriculum. | EL – 2-3 lessons throughout year  MS – 1week  Review already developed curriculum, run by DTC make recommendation to Travis |  |
| Increase the proficiency level of 8th grade students as measured by the 8th grade technology assessment each year. | Unknown at this time. Assessment is done in Spring | Up-coming in spring  2012-2013 – pre/post assessment based on nets for all 6-8 |

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**TFA 1 Student Learning**

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| **Action Plan** | **Result** | **Status** |
| Expand the use of the A+ software online learning system for MS and HS. | Purchased licenses for all 3 HS and MS Summer School | 2010-2011 – Completed  2012 Summer School will have Personal Finance as online offering |
| Utilize Study Island at all grade levels for RTI methods. | Reviewed usage of Study Island by building/grade/content area and tailored licensing accordingly | 2011-2012 – Completed  2012-2013 - Completed |
| Implement Classroom Sound Systems for all K-3 classrooms | All K-4 classrooms have been equipped. A total of 323 systems | Completed |
| Implement PLTW at the HS level to increase opportunities in METS subjects | Year 1 of PLTW offered at all 3 HS = 260 students enrolled. District is offering Year 2 of the program for the 2011-2012 school year | 2010-2011 – Completed  2011-2012 – Completed  2012-2013 – Completed (trained 3 more teachers) |
| Pilot Engineering By Design (EBD) at the MS level to increase opportunities in METS subjects | EBD was added to Hollenbeck MS explo wheel for 2011-2012 | 2011-2012 - Completed |
| Provide the use of technology to strengthen student understanding at the MS level for science curriculum | Purchased Gizmos for use at MS Science | Completed |
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**TFA 2 Teacher Preparation**

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| **Action Plan** | **Result** | **Status** |
| Adopt/Adapt as appropriate technology standards for teachers (NETS). | DTC will review standards options at Feb. 2011 meeting | 2010-2011 - Completed |
| Educate staff on the adopted standards |  |  |
| Assess teachers on technology standards (i.e. NETS) to determine future direction of teacher technology preparation. |  |  |
| Analyze data from existing district survey |  |  |
| Develop technology professional development plan |  |  |
| Embed technology professional development plan into the current district professional development plan |  |  |
| Implement professional development |  |  |
| Administer post assessment |  |  |
| Evaluate professional development plan |  |  |
| Provide Professional Development on how to use and access information from the FHSD Intranet |  |  |
| Provide Professional Development on how to effectively use and implement technology in the classroom |  | 2011-2012 Available in Atomic Learning |
| Ensure new curriculum materials are embedded with interactive technology lessons |  |  |
| Lesson sharing component will be added to annual Technology Festival. |  | 2012-2013 – launching “Online Classroom” |
| Investigate an online learning system to provide online professional development | DPDC funded Atomic Learning system for 2011-2012  District funded for 2012-2013 | 2011-2012 Completed  2012-2013 Completed |
| Assess administrators and their level of technology proficiency | Some work on tool completed. | In-progress – tool developed and planned for 2012 |
| District will conduct quarterly technology trainings based on data from the existing district survey |  |  |
| Develop a mentoring program where past T3 teachers mentor new T3 teachers |  |  |
| Provide Building Principals training at monthly principal meeting on data analyzing using new reporting tool | Demonstrated at February principal meeting (Attendance and Demographic) | On-going |

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**TFA 3 Administration, Data Management and Communication Process**

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| **Action Plan** | **Result** | **Status** |
| To establish a district policy relating to information security and the best practices of data handling. | Policy and 6360 | Completed |
| Review and update the current internet usage policy/regulation 6320 to include current language which covers issues related to technology over the next 3 years | New policies 6335 and 6360 have been developed and approved. They deal with Information Security and Social media. | Completed |
| Develop a policy to govern electronic communication between staff, students and community. | Policy and Regulation 6335 developed and approved by the BOE January 2011 | Completed |
| Develop software standards for the district desktop, laptop and server platforms |  | 2011-2012 – developed Minimum Classroom Technology standards by grade level |
| Develop policies regarding standardization of datacenter backup hardware and software |  | Completed |
| Develop a list of technology resources and programs utilized in each grade or class level to allow for parents and students to better prepare for and during the school year |  |  |
| To investigate a standard form of communication and a collaborative platform to report district committee activities to better inform the community | Developed a Strategic Committee web page on the District web site for all meetings, agendas and minutes to be posted | Completed |
| Investigate the use of social media networking tools (Facebook and Twitter) to enhance and increase parent, staff and student’s interaction with the district. | District implemented the use of Facebook and Twitter. Also have some buildings and classes using Facebook for communication. Human Resources department will use Facebook as a recruitment tool for Spring 2011. | Completed/On-going  2011-2012 – Increased Facebook subscribers from 2,619 to  4,110 -  Increased Twitter followers from 431 to 1,041 - Increased District eNEWS subscribers from 15961 to 17998 |
| To enhance the ability for parents to access student information on the web resources and increase awareness of web resources available to parents | Recommended and BOE approved new website software at 3/3/11 meeting. | Purchased – 2 year implementation |
| Establish district approved web sites for collaboration, research, blogging and instruction and parent communication |  | 2011-2012 – purchased rapid notification system  2012-2013 – launching “Online Classroom” |
| The District will implement a comprehensive data warehouse and reporting tool for analyzing student and operation data. | District purchased a Datawarehouse and Reporting Tool – TABLEAU. To date has developed demographics and attendance templates. | On-going |
| The District will create data dashboards for internal and external audiences identifying key performance indicators | Will be forthcoming as part of the Tableau rollout. | In progress |
| Create a technology fund with dedicated resources | Fund created for tracking purposes only – no dedicated resource assigned (i.e., levy) | Progress made |
| Meet with building technology teams, administration and technology committee to determine building needs | Annual event where needs are identified and conversations regarding where the District is going with technology | Annual Event On-going  2011-2012 – met with PTO on purchasing considerations |
| The annual technology budget will reflect line items that cover the maintenance and support costs (TCO) of technology assets. | Included items such as laptop batteries, replacement bulbs, computer replacement parts as part of 2011-2012 itemized budget | Complete |
| Apply for funding through the Universal Service Fund (eRate) each year to obtain and support technology resources. | Application for e-rate (form 470) completed and filed on January 2011. | Annual event - In progress – filing date March 27th.  Completed. |
| Continue to seek supplemental funding through available federal, state, local and business grants. | District applied for Business Grant for all 3 years of the plan.  2010-2011-District also received a $15K grant for e-readers.  Summer 2011 – District prepared i3 grant but was not able to secure required private funding partner. 2012- filed i3 grant | 2010-2011 - Completed  2011-2012 – on-going  2012-2013 – on-going |
| District will utilize leasing programs for technology assets with a life cycle of 3-5 years | Continue to add computer purchases to lease. For FY2011 added Apple | On-going – at 3/31/11 BOE meeting will add network infrastructure replacements to lease  2011-2012 – added FHHS iMac lab to lease |

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**TFA 4 Resource Distribution and Use**

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| **Action Plan** | **Result** | **Status** |
| Continue to analyze internet connection bandwidth and infrastructure requirements annually and update as required (servers, switches, wireless equipment, security, Internet content filtering, and other system software and resources). | Reviewed historical bandwidth usage from MoreNet. In addition, solicited RFP pricing for internet services to confirm competitive pricing. | 2010-2011 – issued RFP to verify competitive pricing  2011-2012 – increased bandwidth from 100MB to 250MB |
| Define minimum technology model for classrooms and specialty areas |  | 2011-2012 Completed |
| Conduct a printer versus copier utilization analysis | Part of Spring 2011 copier bid cycle  Fall 2011 – | 2011-2012 - assessment RFP summer 2012 |
| Provide copiers in each building that can be accessed through the data network for printing and supplement with network printers as needed to maintain sufficient printing capacity. | A pilot program is being conducted for the 2010-2011 school year at Independence. The school was provided with “pod” printers to replace the 180+ individual printers over the second semester. | On-going |
| Conduct a needs assessment for virtual learning opportunities | Held first online class for Personal Finance Summer 2012 | Plans for one additional online class for 2013-2014 school year |
| To improve the student-to-computer ratio for the district through the use of desktop virtualization, extension technologies (nComputing and VMware) and lease buy-back of teacher laptops at the conclusion of the lease period. | Improved one area of ratio (student to all computers) from 3.9 to 2.2 primarily due to redeployment of teacher desktops from laptop intiative | On-going – 2011-2012 school year will be an emphasis on EL schools and budget contains $17,500 line item for improving ratio |
| Provide a ceiling mounted projector to all classrooms in the District | Have increased by 1.5% to date. | 2012-2013 – budget includes funding for 50% of classrooms without SB/projector |
| Provide wireless access to all buildings | RFP was developed and vendor solutions are being evaluated February 2011 for a recommendation for the BOE March 2011. If approved all buildings will be wireless by August 2011. | 2011-2012 – Completed  2012-2013 – planned expansion |
| Increase the number of network connections in the district to support increased number of computers | Increased by 89 drops for SPED | On-going  NEED NUMBERS |
| Pilot the use of “ebooks” in one classroom per level | Based on the award of a grant the District is piloting ebooks at Barnwell 6th grade. | 2010-2011 - completed |
| Identify effective web-based programs (Study Island, Mastery Manager, etc.) | Conducted a usage analysis and tailored Study Island subscription. Budgeted for MM for 2011-2102 year | Complete |
| Identify effective software tools (grading, Microsoft Office versions, etc.) | Implemented Live@Edu for students email and storage | On-going |
| Identify and evaluate the capability of integration of District data management systems (School Information Systems, Nurse, IEP,etc.) | Reviewed the Health System and concluded the District would keep current system. Currently identifying setup needed for merging transportation and student systems. | In-progress |
| The District Technology Committee will review current technology trends for K-12 for effective tools | At DTC meetings areas reviewed include cloud computing, byot, 21st century skills  2011 – reviewed 2011 Horizon Report | 2010-2011 – Complete  2011-2012 – complete |
| Develop a lease program for replacing end of life infrastructure equipment | Currently assembling the RFP for infrastructure switches. Anticipate taking to the BOE April 2011. | In –progress – ON going |
| Maintain a four-year computer replacement cycle that ensures systematic and timely deployment of the new computers as well as the relocation of the replaced computers in classrooms for student use | District continues to use Dell and Apple leasing for computer purchases. In 2010-2011 (50) computers were added to existing lease agreements. | 2010-2011 -Completed |

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**TFA 5 Technical Support**

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| **Action Plan** | **Result** | **Status** |
| Provide professional development for technicians to increase skill level and reduce time to resolve support issues | Techs have had training on Classroom sound systems, Office 2010, Ipad, Infinite Campus, Windows 7. DP has had training on new reporting tool SRS | Completed |
| Improve tech support ratio to match state recommendations for Instructional Technology integration through the use of technology interns | Funding does not support moving this action item forward | 2011-2012 Completed - Hired 3 technicians and instituted an IT help desk |
| Maintain current levels of certified support (ITS) for teachers in the classroom | All ITS were in place for 2010-2011 and are in the extra duty staffing for 2011-2012 | 2010-2011 – Completed  2011-2012 – Completed |
| Increase the number of teachers sent to the METC and other instructional technology conferences. | 37 attended 2009-2010  Will get after final registration | 2010 - 2011 -  2011 – 2012 – |
| Increase the resources available to the District instructional technology professional development program by adding an additional certified trainer | Through the ARRA stimulus money a 3rd ETS (education technology specialists) was added for the 2010-2011 school year. | 2010-2011 – Completed |
| Decrease dependency on local/desktop printers by implementing a printer managed solution through vendor support | Part of Spring 2011 copier bid cycle. Independence has agreed to have all individual printers removed after 2nd semester. | 2010-2011 pilot in progress  2011-2012 – assessment conducted, RFQ/RFP issued |
| Move in house applications to cloud computing platform to reduce in house expertise and support for non-instructional technology resources | Moved student my docs to SkyDrive | 2011-2012 – moved student and staff email, student documents, library management, food services |
| Develop a searchable knowledgebase integrated with work order system for staff use | Current Workorder system is not efficient or easy to use. Implementing “SpiceWorks” as an alternative  Rollout to staff April 2012 | 2011-2012 – development completed and piloted at HB/CE |
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